



## SEQUENCE LISTING

<110> GTX, INC.  
GTX, INC.

<120> ISOLATED NUCLEIC ACIDS ENCODING RAT P-HYDE PROTEIN

<130> P-2762-US3

<140> 10/807,517

<141> 2004-03-24

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<170> PatentIn version 3.3

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Gly Ser Gly Phe Lys Val Val Val Gly Ser Arg Asn Pro Lys Arg Thr  
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Ala Arg Leu Phe Pro Ser Ala Ala Gln Val Thr Phe Gln Glu Glu Ala  
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Val Ser Ser Pro Glu Val Ile Phe Val Ala Val Phe Arg Glu His Tyr  
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Ser Ser Leu Cys Ser Leu Ser Asp Gln Leu Ala Gly Lys Ile Leu Val  
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Asp Val Ser Asn Pro Thr Glu Gln Glu His Leu Gln His Arg Glu Ser  
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Asn Ala Glu Tyr Leu Ala Ser Leu Phe Pro Thr Cys Thr Val Val Lys  
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Ala Phe Asn Val Ile Ser Ala Trp Thr Leu Gln Ala Gly Pro Arg Asp  
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Gly Asn Gly Gln Val Pro Ile Cys Gly Asp Gln Pro Glu Ala Lys Arg  
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 Cys Phe Tyr Ala Tyr Asn Phe Val Arg Asp Val Leu Gln Pro Tyr Val  
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35          40          45
Gly Ser Gly Phe Lys Val Val Val Gly Ser Arg Asn Pro Lys Arg Thr
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Ala Arg Leu Phe Pro Ser Ala Ala Gln Val Thr Phe Gln Glu Glu Ala
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Val Ser Ser Pro Glu Val Ile Phe Val Ala Val Phe Arg Glu His Tyr
85          90          95
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100         105         110
Asp Val Ser Asn Pro Thr Glu Gln Glu His Leu Gln His Arg Glu Ser
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Asn Ala Glu Tyr Leu Ala Ser Leu Phe Pro Thr Cys Thr Val Val Lys
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Gly Asn Gly Gln Val Pro Ile Cys Gly Asp Gln Pro Glu Ala Lys Arg

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Arg	Ser	Phe	Cys	Cys	Ser	Leu	Val	Pro	Val	Ser	Thr	Pro	Tyr	Gly	His
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20          25          30

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Ile Leu Gly Ser Gly Asp Phe Ala Arg Ser Leu Ala Thr Arg Leu Val
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Gly Ser Gly Phe Phe Val Val Val Gly Ser Arg Asn Pro Lys Arg Thr
50          55          60

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Ala Gly Leu Phe Pro Ser Leu Ala Gln Val Thr Phe Gln Glu Glu Ala
65          70          75          80

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Val Ser Ser Pro Glu Val Ile Phe Val Ala Val Phe Arg Glu His Tyr
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Ser Ser Leu Cys Ser Leu Ala Asp Gln Leu Ala Gly Lys Ile Leu Val
100          105          110

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Asp Val Ser Asn Pro Thr Glu Lys Glu Arg Leu Gln His Arg Gln Ser  
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Asn Ala Glu Tyr Leu Ala Ser Leu Phe Pro Ala Cys Thr Val Val Lys  
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Ala Phe Asn Val Ile Ser Ala Trp Ala Leu Gln Ala Gly Pro Arg Asp  
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Gly Asn Arg Gln Val Leu Ile Cys Gly Asp Gln Leu Glu Ala Lys His  
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Thr Val Ser Glu Met Ala Arg Ala Met Gly Phe Thr Pro Leu Asp Met  
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Gly Ser Leu Ala Ser Ala Arg Glu Val Glu Ala Ile Pro Leu Arg Leu  
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Leu Pro Ser Trp Lys Val Pro Thr Leu Leu Ala Leu Gly Leu Ser Thr  
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Arg Lys Asp Glu Asn Lys Phe Tyr Lys Met Pro Leu Ser Val Val Asn  
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Thr Thr Ile Pro Cys Val Ala Tyr Val Leu Leu Ser Leu Val Tyr Leu  
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Pro Gly Val Leu Ala Ala Ala Leu Gln Leu Arg Arg Gly Thr Lys Tyr  
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